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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/059,946	01/29/2002	Mehrdad Nadooshan	501019-A-01-US (Nadooshan)	7166
47702	7590	03/07/2007		EXAMINER
RYAN, MASON & LEWIS, LLP 1300 POST ROAD SUITE 205 FAIRFIELD, CT 06824				NOBAHAR, ABDULHAKIM
			ART UNIT	PAPER NUMBER
				2132
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		03/07/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/059,946	NADOOSHAN ET AL.	
	Examiner	Art Unit	
	Abdulhakim Nobahar	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

1)  Responsive to communication(s) filed on 26 December 2006.

2a)  This action is **FINAL**.                            2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 1-25 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1-3,6,9-15 and 19-25 is/are rejected.

7)  Claim(s) 4,5,7,8 and 16-18 is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892) 4)  Interview Summary (PTO-413)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date. \_\_\_\_ .  
3)  Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_ . 5)  Notice of Informal Patent Application  
6)  Other: \_\_\_\_ .

#### **DETAILED ACTION**

1. This communication is in response to applicant's response received on 12/26/2006.
2. Claims 1, 13, and 22-25 are amended.

#### ***Response to Arguments***

Applicants' arguments have been fully considered but they are not persuasive.

1. Applicants on page 8, lines 3-9 of the remarks argue that "The Windows NT operation described by Hadfield uses a database access that requires more than one operation Hadfield uses centralized information stored in an account database when the user is attempting to log on to a Windows NT Server, as relevant here, the account name and password are compared with the domain's account database. If the server is a member of a trusting domain, the user also is given the option of authenticating against the trusted domain's account database " Hadfield at page 168, at lines 12-15."

The examiner respectfully disagrees and asserts that Hadfield discloses (see, for example, page 168, lines 11-26) a log on operation to a Windows NT. The user supplies a name and a password and the Windows NT verifies them against an account database. The Windows NT provides options to the user to either log on to a domain (i.e., user is a member of some groups) or just to log on to the workstation alone. In either option the user only supplies a name and a password once and the Windows NT performs

verification of the user identity only one time (i.e., in a single operation) against the local account database (the account database is either for the workstation alone or for both workstation and a domain). Hadfield further discloses that a cryptographic operation is used to authenticate a user (see, for example, page 170, paragraphs 1-4).

2. The examiner, however, in light of the above submission maintains the previous rejections while considering the amendments to the claims 1, 13, and 22-25 as follows:

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**Claims 1-3, 6, 9-15 and 19-25 are rejected under 35 U.S.C. 102(b) as being anticipated by “Windows NT Server 4 Security Handbook” by Lee Hadfield, Dave Hatter, Dave Bixler, 1997 (hereinafter Hadfield).**

Regarding claims 1, 13 and 22-25, Hadfield discloses:

computationally verifying an identity of said user (see, for example, page 80, paragraph 4; page 81, paragraphs 2 and 3; pages 168-169; pages 350-351; page 432, paragraph 5); and

computationally verifying a membership of said user with said one or more groups (see, for example, page 80, paragraph 4 and 5; page 83, paragraphs 3 and 4 pages 168-169; page 174, last paragraph),

wherein said verifying computations are performed substantially simultaneously using a single cryptographic operation and user information stored in a computer file that is local to said user (see, for example, page 81, paragraphs 4-6, where a user's identity and its membership to any group is authenticated with a single log-on process that is functionally equivalent to the recited verifying computations are performed substantially simultaneously and see, for example, page 79, lines 24-31; page 168, lines 11-26; page 170, paragraphs 1-4, where indicated that a cryptographic operation is used; page 175, lines 14-15 and lines 19-21, where the user validation information are contained in a local database for logging on locally).

Regarding claims 2 and 14, Hadfield discloses:

further comprising the step of registering said user with at least one of said one or more groups (see, for example, page 29; page 101; page 110; page 275, last paragraph; page 281, paragraph 4, where setting up and creating a user account and user groups corresponds to the recited registering a user...with a group(s)).

Regarding claims 3 and 15, Hadfield discloses:

wherein said registering step further comprises the step of said user and said at least one of said one or more groups exchanging a respective identifier (see, for

example, page 29, paragraphs 3 and 4; page 102, paragraph 2; page 110; page 432, paragraph 5, where a password that correspond to the recited identifier is used to grant membership to a user a to a group).

Regarding claim 6, Hadfield discloses:

wherein said registering step further comprises the step of creating a registration identifier (see, for example, page 29; page 101; page 110; page 275, last paragraph; page 281, paragraph 4, where during the process of creating a user account and user groups, user/group ID or password that correspond to the recited registration identifier is created and assigned to a particular user or group).

Regarding claims 9 and 19, Hadfield discloses:

wherein said verifying computations are performed in a single operation based on the El Gamal public key algorithm (see, for example, page 170, paragraphs 1-4, where RSA encryption algorithm is employed for authentication process which is functionally equivalent to El Gamal public key algorithm and it is a matter of implementation).

Regarding claims 10 and 20, Hadfield discloses:

wherein said user information is stored on a smart card that provides tamper-resistant features (see, for example, page 81, paragraphs 2 and 3).

Regarding claims 11 and 21, Hadfield discloses:

wherein said user information is stored in a memory of a computer (see, for example, page 33, paragraph 4; page 68, last paragraph; page 226, last 2 paragraphs; page 102, Fig. 4.1, where upon clicking Add button, the user information are saved on a disk or hard drive that represent a memory).

Regarding claim 12, Hadfield discloses:

wherein a user that satisfies said verifying computations is allowed to access a plurality of groups (see, for example, page 28, paragraph 2; page 29, paragraph 4; page 81, paragraph 4; page 110, paragraph 3; pages 112-113, where it demonstrate that an authenticated user has the same rights and permissions of the groups that the user has membership which corresponds to the recited user... allowed to access a plurality of groups).

### ***Allowable Subject Matter***

Claims 4, 5, 7, 8 and 16-18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent No. 6853988 B1 to Dickinson et al.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdulhakim Nobahar whose telephone number is 571-272-3808. The examiner can normally be reached on M-T 8-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Abdulhakim Nobahar  
Examiner  
Art Unit 2132 *G.N.*

March 4, 2007

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